

CLAIMS:

What is claimed is:

1. A communications system, comprising:
- a first unit including a first transceiver, a first memory and a first CPU, the first CPU operating to access data at the first transceiver and at the first memory; and
- a second unit including a second transceiver, a second memory and a second CPU, the second CPU operating to access data at the second transceiver and at the second memory,
- wherein
- the first CPU operates to transmit a request signal from the first transceiver to the second transceiver,
- the second CPU responds to receiving the request signal at the second transceiver by accessing a data file at the second memory and transmitting the data file from the second transceiver to the first transceiver, and
- the first CPU responds to receiving the data file at the first transceiver by storing the data file at the first memory.
2. A communications system, as claimed in claim 1, wherein at least one of the first unit and the second unit is included in a vehicle.
3. A communications system, as claimed in claim 1, wherein
- the data file includes MP3-formatted music, and

the first unit includes a music player.

4. A communications system, as claimed in claim 3, wherein at least one of the first unit and the second unit is included in a vehicle.

5. A communications system, as claimed in claim 1, wherein
the request signal includes a request list, the request list comprising an identifier for a program, and
the data file accessed by the second CPU includes data for the program identified by the identifier.

6. A communications system, as claimed in claim 5, wherein
at least one of the first unit and the second unit is included in a vehicle, and
the request list is generated by a voice-activated system.

7. A communications system, as claimed in claim 6, wherein
the data file includes MP3-formatted music, and
the first unit includes a music player.

8. A communications system, as claimed in claim 1, wherein
the request signal is sent in a continuous mode, and

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the second transceiver responds to receiving the request signal when the request signal is received at a sufficient strength.

9. A communications system, as claimed in claim 8, wherein at least one of the first unit and the second unit is included in a vehicle.

10. A communications system, as claimed in claim 9, wherein
the data file includes MP3-formatted music, and
the first unit includes a music player.

11. A communications system, comprising:
a first unit including a receiver, a first memory and a first CPU, the first CPU operating to access data at the receiver and at the first memory; and
a second unit including a transmitter, a second memory and a second CPU, the second CPU operating to access data at the transmitter and at the second memory, wherein
the second CPU includes an agent program that generates a request signal,
the second CPU responds to the request signal by accessing a data file at the second memory and transmitting the data file from the transmitter to the receiver, and
the first CPU responds to receiving the data file at the receiver by storing the data file at the first memory.

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12. A communications system, as claimed in claim 11, wherein at least one of the first unit and the second unit is included in a vehicle.
13. A communications system, as claimed in claim 11, wherein the data file includes MP3-formatted music, and the first unit includes a music player.
14. A communications system, as claimed in claim 13, wherein at least one of the first unit and the second unit is included in a vehicle.
15. A communications system, as claimed in claim 11, wherein the request signal includes a request list, the request list comprising an identifier for a program, and the data file accessed by the second CPU includes data for the program identified by the identifier.
16. A communications system, as claimed in claim 15, wherein at least one of the first unit and the second unit is included in a vehicle, and the request list is generated by a voice-activated system.
17. A communications system, as claimed in claim 16, wherein

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the data file includes MP3-formatted music, and the first unit includes a music player.

18. A communications system, as claimed in claim 11, wherein the second CPU responds to the request signal when the request signal satisfies a request threshold.

19. A communications system, as claimed in claim 18, wherein at least one of the first unit and the second unit is included in a vehicle.

20. A communications system, as claimed in claim 19, wherein the data file includes MP3-formatted music, and the first unit includes a music player.

21. A method for communicating between a first storage unit and a second storage unit, comprising:

automatically generating a request signal based on program content;

sending the request signal from the first storage unit to the second storage unit;

accessing a data file at the second storage unit and transmitting the data file from the second storage unit to the first storage unit, the second storage unit having received the request signal; and

storing the data file at the first storage unit, the first storage unit having received the data file from the second storage unit.

22. A method, as claimed in claim 21, wherein at least one of the first storage unit and the second storage unit is included in a vehicle.

23. A method, as claimed in claim 21, wherein
the data file includes MP3-formatted music, and
the first storage unit includes a music player.

24. A method, as claimed in claim 23, wherein at least one of the first storage unit and the second storage unit is included in a vehicle.

25. A method, as claimed in claim 21, wherein
the request signal includes a request list, the request list comprising an identifier for a program, and
the data file accessed by the second storage unit includes data for the program identified by the identifier.

26. A method, as claimed in claim 25, wherein

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at least one of the first storage unit and the second storage unit is included in a vehicle,
and
the request list is generated by a voice-activated system.

27. A method, as claimed in claim 26, wherein
the data file includes MP3-formatted music, and
the first storage unit includes a music player.
28. A method, as claimed in claim 21, wherein
the request signal is sent in a continuous mode, and
the second storage unit responds to receiving the request signal when the request signal is
received at a sufficient strength.
29. A method, as claimed in claim 28, wherein at least one of the first storage unit and the
second storage unit is included in a vehicle.
30. A method, as claimed in claim 29, wherein
the data file includes MP3-formatted music, and
the first storage unit includes a music player.
31. A method, as claimed in claim 28, wherein

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Table 1 *Summary of the data sets used in the study*

| Dataset | Number of subjects | Number of trials | Number of conditions | Number of trials per condition |
|---------------|--------------------|------------------|----------------------|--------------------------------|
| Experiment 1 | 12 | 120 | 12 | 10 |
| Experiment 2 | 12 | 120 | 12 | 10 |
| Experiment 3 | 12 | 120 | 12 | 10 |
| Experiment 4 | 12 | 120 | 12 | 10 |
| Experiment 5 | 12 | 120 | 12 | 10 |
| Experiment 6 | 12 | 120 | 12 | 10 |
| Experiment 7 | 12 | 120 | 12 | 10 |
| Experiment 8 | 12 | 120 | 12 | 10 |
| Experiment 9 | 12 | 120 | 12 | 10 |
| Experiment 10 | 12 | 120 | 12 | 10 |
| Experiment 11 | 12 | 120 | 12 | 10 |
| Experiment 12 | 12 | 120 | 12 | 10 |
| Experiment 13 | 12 | 120 | 12 | 10 |
| Experiment 14 | 12 | 120 | 12 | 10 |
| Experiment 15 | 12 | 120 | 12 | 10 |
| Experiment 16 | 12 | 120 | 12 | 10 |
| Experiment 17 | 12 | 120 | 12 | 10 |
| Experiment 18 | 12 | 120 | 12 | 10 |
| Experiment 19 | 12 | 120 | 12 | 10 |
| Experiment 20 | 12 | 120 | 12 | 10 |
| Experiment 21 | 12 | 120 | 12 | 10 |
| Experiment 22 | 12 | 120 | 12 | 10 |
| Experiment 23 | 12 | 120 | 12 | 10 |
| Experiment 24 | 12 | 120 | 12 | 10 |
| Experiment 25 | 12 | 120 | 12 | 10 |
| Experiment 26 | 12 | 120 | 12 | 10 |
| Experiment 27 | 12 | 120 | 12 | 10 |
| Experiment 28 | 12 | 120 | 12 | 10 |
| Experiment 29 | 12 | 120 | 12 | 10 |
| Experiment 30 | 12 | 120 | 12 | 10 |
| Experiment 31 | 12 | 120 | 12 | 10 |
| Experiment 32 | 12 | 120 | 12 | 10 |
| Experiment 33 | 12 | 120 | 12 | 10 |
| Experiment 34 | 12 | 120 | 12 | 10 |
| Experiment 35 | 12 | 120 | 12 | 10 |
| Experiment 36 | 12 | 120 | 12 | 10 |
| Experiment 37 | 12 | 120 | 12 | 10 |
| Experiment 38 | 12 | 120 | 12 | 10 |
| Experiment 39 | 12 | 120 | 12 | 10 |
| Experiment 40 | 12 | 120 | 12 | 10 |
| Experiment 41 | 12 | 120 | 12 | 10 |
| Experiment 42 | 12 | 120 | 12 | 10 |
| Experiment 43 | 12 | 120 | 12 | 10 |
| Experiment 44 | 12 | 120 | 12 | 10 |
| Experiment 45 | 12 | 120 | 12 | 10 |
| Experiment 46 | 12 | 120 | 12 | 10 |
| Experiment 47 | 12 | 120 | 12 | 10 |
| Experiment 48 | 12 | 120 | 12 | 10 |
| Experiment 49 | 12 | 120 | 12 | 10 |
| Experiment 50 | 12 | 120 | 12 | 10 |
| Experiment 51 | 12 | 120 | 12 | 10 |
| Experiment 52 | 12 | 120 | 12 | 10 |
| Experiment 53 | 12 | 120 | 12 | 10 |
| Experiment 54 | 12 | 120 | 12 | 10 |
| Experiment 55 | 12 | 120 | 12 | 10 |
| Experiment 56 | 12 | 120 | 12 | 10 |
| Experiment 57 | 12 | 120 | 12 | 10 |
| Experiment 58 | 12 | 120 | 12 | 10 |
| Experiment 59 | 12 | 120 | 12 | 10 |
| Experiment 60 | 12 | 120 | 12 | 10 |
| Experiment 61 | 12 | 120 | 12 | 10 |
| Experiment 62 | 12 | 120 | 12 | 10 |
| Experiment 63 | 12 | 120 | 12 | 10 |
| Experiment 64 | 12 | 120 | 12 | 10 |
| Experiment 65 | 12 | 120 | 12 | 10 |
| Experiment 66 | 12 | 120 | 12 | 10 |
| Experiment 67 | 12 | 120 | 12 | 10 |
| Experiment 68 | 12 | 120 | 12 | 10 |
| Experiment 69 | 12 | 120 | 12 | 10 |
| Experiment 70 | 12 | 120 | 12 | 10 |
| Experiment 71 | 12 | 120 | 12 | 10 |
| Experiment 72 | 12 | 120 | 12 | 10 |
| Experiment 73 | 12 | 120 | 12 | 10 |
| Experiment 74 | 12 | 120 | 12 | 10 |
| Experiment 75 | 12 | 120 | 12 | 10 |
| Experiment 76 | 12 | 120 | 12 | 10 |
| Experiment 77 | 12 | 120 | 12 | 10 |
| Experiment 78 | 12 | 120 | 12 | 10 |
| Experiment 79 | 12 | 120 | 12 | 10 |
| Experiment 80 | 12 | 120 | 12 | 10 |
| Experiment 81 | 12 | 120 | 12 | 10 |
| Experiment 82 | 12 | 120 | 12 | 10 |
| Experiment 83 | 12 | 120 | 12 | 10 |
| Experiment 84 | 12 | 120 | 12 | 10 |
| Experiment 85 | 12 | 120 | 12 | 10 |
| Experiment 86 | 12 | 120 | 12 | 10 |
| Experiment 87 | 12 | 120 | 12 | 10 |
| Experiment 88 | 12 | 120 | 12 | 10 |
| Experiment 89 | 12 | 120 | 12 | 10 |
| Experiment 90 | 12 | 120 | 12 | 10 |
| Experiment 91 | 12 | 120 | 12 | 10 |
| Experiment 92 | 12 | 120 | 12 | 10 |
| Experiment 93 | 12 | 120 | 12 | 10 |
| Experiment 94 | 12 | 120 | 12 | 10 |
| Experiment 95 | 12 | 120 | 12 | 10 |
| Experiment 96 | 12 | 120 | 12 | 1 |